



Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

May 10, 2021

John Harding
Eagle Point School District #9
PO Box 548
Eagle Point, OR 97524
TEL: (541) 830-1240
FAX (541) 830-6375

RE: Lower Table Rock Elementary Lead

Order No.: 21041533

Dear John Harding:

Neilson Research Corporation received 9 sample(s) on 4/28/2021 for the analyses presented in the following report.

The results relate only to the parameters tested or to the sample as received by the laboratory. This report shall not be reproduced except in full, without the written approval of Neilson Research Corporation. If you have any questions regarding these test results, please feel free to call.

Sincerely,
Neilson Research Corporation

Tamra Schmedemann
Senior Project Manager
245 S Grape St
Medford, OR 97501



Original



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Case Narrative

WO#: 21041533
Date: 5/10/2021

CLIENT: Eagle Point School District #9

Project: Lower Table Rock Elementary Lead

The analyses were performed according to the guidelines in the Neilson Research Corporation Quality Assurance Program. This report contains analytical results for the sample(s) as received by the laboratory.

Neilson Research Corporation certifies that this report is in compliance with the requirements of NELAP. No unusual difficulties were experienced during analysis of this batch except as noted below or qualified with data flags on the reports.

Original



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Analytical Report

WO#: 21041533

Date Reported: 5/10/2021

Eagle Point School District #9

PO Box 548

Eagle Point, OR 97524

Lab Order: 21041533

Received Date: 4/28/2021 11:15:00 AM

Reported Date: 5/10/2021 1:26:09 PM

Sample Information:

Lab ID: 21041533-01 Client Sample ID: Loni Office Sink
Collection Date: 4/28/2021 5:15:00 AM Collected By:
Matrix: Drinking Water Sample Location: Loni Office Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS			
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	88.0	*	0.100	ppb	1	5/1/2021	15.0	A	

Lab ID: 21041533-02 Client Sample ID: Drinking Fountain Short
Collection Date: 4/28/2021 5:20:00 AM Collected By:
Matrix: Drinking Water Sample Location: Drinking Fountain Short

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS			
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	7.29		0.100	ppb	1	5/1/2021	15.0	A	

Lab ID: 21041533-03 Client Sample ID: Drinking Fountain Tall
Collection Date: 4/28/2021 5:20:00 AM Collected By:
Matrix: Drinking Water Sample Location: Drinking Fountain Tall

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS			
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	21.3	*	0.100	ppb	1	5/1/2021	15.0	A	

QUALIFIERS	*	Value exceeds Maximum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MI	Recovery outside control limits due to Matrix Interference
	ND	Not Detected at the Reporting Limit	PL	Permit Limit
	R	RPD outside accepted recovery limits		

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028

Original

Results are out of the EPA limits



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Analytical Report

WO#: 21041533

Date Reported: 5/10/2021

Eagle Point School District #9

PO Box 548

Eagle Point, OR 97524

Lab Order: 21041533

Received Date: 4/28/2021 11:15:00 AM

Reported Date: 5/10/2021 1:26:09 PM

Sample Information:

Lab ID: 21041533-04
Collection Date: 4/28/2021 5:22:00 AM
Matrix: Drinking Water

Client Sample ID: Tiger Store Sink
Collected By:
Sample Location: Tiger Store Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS			
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	40.0	*	0.100	ppb	1	5/1/2021	15.0	A	

Lab ID: 21041533-05
Collection Date: 4/28/2021 5:28:00 AM
Matrix: Drinking Water

Client Sample ID: Womens Workroom Sink
Collected By:
Sample Location: Womens Workroom Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS			
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	1.90		0.100	ppb	1	5/1/2021	15.0	A	

Lab ID: 21041533-06
Collection Date: 4/28/2021 5:33:00 AM
Matrix: Drinking Water

Client Sample ID: Room 3 Faucet Sink
Collected By:
Sample Location: Room 3 Faucet Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS			
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	162	*	0.100	ppb	1	5/1/2021	15.0	A	

QUALIFIERS	*	Value exceeds Maximum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MI	Recovery outside control limits due to Matrix Interference
	ND	Not Detected at the Reporting Limit	PL	Permit Limit
	R	RPD outside accepted recovery limits		

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Results are out of the EPA limits



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Analytical Report

WO#: 21041533

Date Reported: 5/10/2021

Eagle Point School District #9

PO Box 548

Eagle Point, OR 97524

Lab Order: 21041533

Received Date: 4/28/2021 11:15:00 AM

Reported Date: 5/10/2021 1:26:09 PM

Sample Information:

Lab ID: 21041533-07 Client Sample ID: Room 3 Fountain
Collection Date: 4/28/2021 5:33:00 AM Collected By:
Matrix: Drinking Water Sample Location: Room 3 Fountain

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS			
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	130	*	0.100	ppb	1	5/1/2021	15.0	A	

Lab ID: 21041533-08 Client Sample ID: Room 4 Faucet Sink
Collection Date: 4/28/2021 5:36:00 AM Collected By:
Matrix: Drinking Water Sample Location: Room 4 Faucet Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS			
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	7.33		0.100	ppb	1	5/1/2021	15.0	A	

Lab ID: 21041533-09 Client Sample ID: Room 20 Faucet Sink
Collection Date: 4/28/2021 5:40:00 AM Collected By:
Matrix: Drinking Water Sample Location: Room 20 Faucet Sink

Trace Metals by EPA 200.8 ICP-MS						Analyst: SJS			
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	114	*	0.100	ppb	1	5/1/2021	15.0	A	

QUALIFIERS	*	Value exceeds Maximum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcod
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MI	Recovery outside control limits due to Matrix Interference
	ND	Not Detected at the Reporting Limit	PL	Permit Limit
	R	RPD outside accepted recovery limits		

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Original

Results are out of the EPA limits



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QC SUMMARY REPORT

WO#: 21041533

11-May-21

Client: Eagle Point School District #9

Project: Lower Table Rock Elementary Lead

TestCode: LEAD_DW

Sample ID: MB-12138	SampType: MBLK	TestCode: LEAD_DW	Units: ppb	Prep Date: 4/30/2021	RunNo: 21030						
Client ID: PBW	Batch ID: 12138	TestNo: E200.8	E200.8	Analysis Date: 5/1/2021	SeqNo: 328880						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.100									

Sample ID: LCS-12138	SampType: LCS	TestCode: LEAD_DW	Units: ppb	Prep Date: 4/30/2021	RunNo: 21030						
Client ID: LCSW	Batch ID: 12138	TestNo: E200.8	E200.8	Analysis Date: 5/1/2021	SeqNo: 328881						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	91.5	0.100	100	0	91.5	85	115				

Sample ID: 21041504-01BMS	SampType: MS	TestCode: LEAD_DW	Units: ppb	Prep Date: 4/30/2021	RunNo: 21030						
Client ID: BatchQC	Batch ID: 12138	TestNo: E200.8	E200.8	Analysis Date: 5/1/2021	SeqNo: 328883						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	85.9	0.100	100	0.0640	85.8	70	130				

Sample ID: 21041504-01BMSD	SampType: MSD	TestCode: LEAD_DW	Units: ppb	Prep Date: 4/30/2021	RunNo: 21030						
Client ID: BatchQC	Batch ID: 12138	TestNo: E200.8	E200.8	Analysis Date: 5/1/2021	SeqNo: 328884						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	87.8	0.100	100	0.0640	87.7	70	130	85.9	2.22	20	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
MI Recovery outside control limits due to Matrix Interference
RL Reporting Detection Limit

C1 Sample container temperature is out of limit as specified at testcode
ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceed
PL Permit Limit

Original



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QC SUMMARY REPORT

WO#: 21041533

11-May-21

Client: Eagle Point School District #9

Project: Lower Table Rock Elementary Lead

TestCode: LEAD_DW

Sample ID: MB-12140	SampType: MBLK	TestCode: LEAD_DW	Units: ppb	Prep Date: 4/30/2021	RunNo: 21049						
Client ID: PBW	Batch ID: 12140	TestNo: E200.8	E200.8	Analysis Date: 5/1/2021	SeqNo: 329037						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.100									

Sample ID: LCS-12140	SampType: LCS	TestCode: LEAD_DW	Units: ppb	Prep Date: 4/30/2021	RunNo: 21049						
Client ID: LCSW	Batch ID: 12140	TestNo: E200.8	E200.8	Analysis Date: 5/1/2021	SeqNo: 329038						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	95.9	0.100	100	0	95.9	85	115				

Sample ID: 21041618-01AMS	SampType: MS	TestCode: LEAD_DW	Units: ppb	Prep Date: 4/30/2021	RunNo: 21049						
Client ID: BatchQC	Batch ID: 12140	TestNo: E200.8	E200.8	Analysis Date: 5/1/2021	SeqNo: 329046						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	95.7	0.100	100	0.380	95.3	70	130				

Sample ID: 21041618-01AMSD	SampType: MSD	TestCode: LEAD_DW	Units: ppb	Prep Date: 4/30/2021	RunNo: 21049						
Client ID: BatchQC	Batch ID: 12140	TestNo: E200.8	E200.8	Analysis Date: 5/1/2021	SeqNo: 329047						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	96.2	0.100	100	0.380	95.8	70	130	95.7	0.505	20	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- MI Recovery outside control limits due to Matrix Interference
- RL Reporting Detection Limit

C1 Sample container temperature is out of limit as specified at testcode
ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceed
PL Permit Limit

Original

Sample Log-In Check List

Client Name: **EAGLEPTSCHOOL**

Work Order Number: **21041533**

RcptNo: **1**

Logged by: **Ty Bryde** **4/28/2021 11:15:00 AM**

Completed By: **Dorie Maier** **4/30/2021 4:19:01 PM**

Reviewed By: **Dorie Maier** **5/10/2021 1:23:31 PM**

Handwritten signatures and initials

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Client

Log In

3. Coolers are present? Yes ☐ No ☐ NA ☒
4. Shipping container/cooler in good condition? Yes ☒ No ☐
Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☒
No. Seal Date: Signed By:
5. Was an attempt made to cool the samples? Yes ☐ No ☐ NA ☒
6. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☐ No ☐ NA ☒
7. Sample(s) in proper container(s)? Yes ☒ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
10. Was preservative added to bottles? Yes ☒ No ☐ NA ☐
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☐ No ☐ HNO₃ pH<2
No VOA Vials ☒
12. Were any sample containers received broken? Yes ☐ No ☒
13. Does paperwork match bottle labels? Yes ☒ No ☐
(Note discrepancies on chain of custody)
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
15. Is it clear what analyses were requested? Yes ☒ No ☐
16. Were all holding times able to be met? Yes ☒ No ☐
(If no, notify customer for authorization.)

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: Date:
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

18. Additional remarks:

Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
-----------	---------	-----------	-------------	---------	-----------	-----------

Chain of Custody Record

This Chain of Custody is a LEGAL DOCUMENT and must be filled out accurately.

Page ____ of ____

Section A

Required Client Information

Company:	Eagle Point School Dist?
Address:	203 N. Platt Eagle Point OR 97524
Email:	hardingj@eaglept.k12.or.us
Phone:	541-830-6376
Fax:	
Collected By (Print):	
Collected By (Sign):	
Email Report <input checked="" type="checkbox"/>	Mail Report <input type="checkbox"/> Fax Report <input type="checkbox"/>

Section B

Required Project Information

Project Name:	Lower Table Rock Chem
Project Number:	
Report To:	
Copy To:	

Section C

Invoice Information

Attention:	
Company Name:	
Address:	
P.O. #	

Section D

Rush Status (Subject to Scheduling)

<input checked="" type="checkbox"/> Standard: 10 Business Days
<input type="checkbox"/> Priority: 5 Business Days (List x 1.50)
<input type="checkbox"/> Express: 3 Business Days (List x 1.75)
<input type="checkbox"/> Rush: 2 Business Days (List x 2.00)
<input type="checkbox"/> Rush: 1 Business Day (List x 2.50)
<input type="checkbox"/> Rush: Same Day (List x 3.00)

Authorized ☐ Yes ☐ No

Section E

Sample Information

Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected	No. of Containers	Analysis Requested	NRC Workorder # (Lab Use Only)	Remarks / Field Data	NRC Sample # Use Only)	(Lab
Lone Office Sink (Los)			4/28/21	5:15	1	<input checked="" type="checkbox"/>	21041533		01	
Drinking Fountain Short			4/28/21	5:20	1	<input checked="" type="checkbox"/>			02	
Drinking FOUNTAIN			4/28/21	5:20	1	<input checked="" type="checkbox"/>			03	
Tiger Stone Sinks			4/28/21	5:22	1	<input checked="" type="checkbox"/>			04	
Wmns Work Room Sink			4/28/21	5:28	1	<input checked="" type="checkbox"/>			05	
Room 3 faucet sink			4/28/21	5:33	1	<input checked="" type="checkbox"/>			06	
Room 3 fountain			4/28/21	5:33	1	<input checked="" type="checkbox"/>			07	
Room 4 faucet sink			4/28/21	5:36	1	<input checked="" type="checkbox"/>			08	
Room 20 faucet sink			4/28/21	5:40	1	<input checked="" type="checkbox"/>			09	

*Matrix: DW - Drinking Water WW - Wastewater W - Water S - Soil/Solid SL - Sludge O - Oil WP - Wipe OT - Other

Section F

Relinquish/Receive

Relinquished By:	Jon O'Connor	Print	Date	Time
Received By:	Steven Lambert		4/28/21	10:52 AM
Relinquished By:	Steven Lambert		4/28/21	11:15 AM
Received By:				
Relinquished By:				
Received By Laboratory:	Ty Bryde		4-28-2021	11:15

Section G

Lab Use Only

Temp:	Amb	IR Therm ID:	
≤6°C:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Received on Ice:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Number of Bottles Received:	9		
pH Checked:	N.A.		
COC Seals Intact:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Field Blank Included:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

Received Via ☐ UPS ☐ FedEX ☐ Other ☒ Hand

Payment: ☒ Invoice ☐ Cash ☐ VISA, M/C ☐ Check # ☐ Amount ☐

-
- B Analyte detected in the associated method blank.
 - BA BOD Alternative Calculation: The initial results performed by Standard Methods did not fall within parameters of the Standard Methods calculation. An alternate approved calculation was performed using the HACH method and the value reported is an estimated concentration.
 - C Sample(s) does not meet NELAP/ORELAP sample acceptance criteria. See Case Narrative.
 - C1 Sample(s) does not meet NELAP/ORELAP sample acceptance criteria for temperature.
 - CF Results confirmed by re-analysis.
 - CU Cleanup performed as specified by method.
 - D1 The diesel elution pattern for the sample is not typical.
 - D2 The sample appears to be a heavier hydrocarbon range than diesel.
 - D3 The sample appears to be a lighter hydrocarbon range than diesel.
 - D4 Detected hydrocarbons do not have pattern and range consistent with typical petroleum products and may be due to biogenic interference.
 - D5 Detected hydrocarbons in the diesel range appear to be weathered diesel.
 - E Estimated value.
 - ER Elevated reporting limit due to matrix. Report limits (MDLs, MRLs & PQLs) are adjusted based on variations in sample preparation amounts, analytical dilutions, and percent solids, where applicable.
 - FC Fecal Coliforms: Sample(s) received past 40 CFR Part 136 specified holding time. Results reported as estimated values.
 - G1 The gasoline elution pattern for the sample is not typical.
 - G2 The sample appears to be a heavier hydrocarbon range than gasoline.
 - G3 The sample appears to be a lighter hydrocarbon range than gasoline.
 - G4 Detected hydrocarbons in the gasoline range appear to be weathered gasoline.
 - HP Sample re-analysis performed outside of method specified holding time.
 - HR Sample received outside of method specified holding time.
 - HS Sample analyzed for volatile organics contained headspace.
 - HT ☐ At the client's request, the sample was analyzed outside of method specified holding time.
 - H Analysis performed outside of method specified holding time.
 - J Analyte detected below the Minimum Reporting Limit (MRL) and above the Method Detection Limit (MDL). The J flag result is an estimated value and the user should be aware that this data is of limited reliability.
 - L Dissolved metals were not filtered within 15 minutes of collection per 40 CFR Part 136.
 - MI Surrogate, Duplicate Sample (DUP) or Matrix Spikes recoveries are out of control limits due to matrix interference. Sample results may be biased.
 - N See Case Narrative on page 2 of report.
 - NLR No Legionella Recovered.
 - PLR Presence of Legionella Recovered.
 - Q Initial calibration verification (ICV), continuing calibration verification (CCV) or laboratory control sample (LCS) exceeded high recovery limits, but associated samples are non-detect and the sample results are not affected. Data meets EPA/NELAP requirements.
 - R Relative percent difference (RPD) is outside of the accepted recovery limits.
 - R1 Relative percent difference (RPD) is outside of the accepted recovery limits. However, analyses are not controlled on RPD values for sample concentrations that are less than the reporting limit.
 - R3 The relative percent difference (RPD) and/or percent recovery for the duplicate (DUP) or matrix spike (MS)/matrix spike duplicate (MSD) cannot be accurately calculated due to the concentration of analyte already present in the sample.
 - R4 Duplicate analysis failed due to result being at or near the method reporting limit.
 - S Surrogate and/or matrix spike recovery is outside of the accepted recovery limits. Sample results may be biased.
 - S1 Surrogate or matrix spike recovery is outside of control limits due to dilution necessary for analysis.
 - SC Sub-contracted to another laboratory for analysis.
 - SP Sample(s) were not collected per EPA Method 5035A protocols. The results are considered minimum values.
 - # Value exceeds regulatory level for TCLP contaminant.
 - X1 The motor oil elution pattern for the sample is not typical.
 - X2 The sample appears to be a heavier hydrocarbon range than motor oil.
 - X3 The sample appears to be a lighter hydrocarbon range than motor oil.
 - * Value exceeds Maximum Contaminant Level or is outside the acceptable range.